



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Vladimir Poponin  
Appl. No. : 10/774,062  
Filed : February 6, 2004  
For : APPARATUS AND METHOD  
FOR THE ANALYSIS OF  
NUCLEIC ACIDS  
HYBRIDIZATION ON HIGH  
DENSITY NA CHIPS  
Examiner : Young J. Kim  
Group Art Unit : 1637

## CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

July 7 2006

(Date)

Andrew N. Merickel, Reg. No. 53,317

**AMENDMENT AND RESPONSE TO OFFICE ACTION****Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The present paper is submitted in response to the Office Action mailed April 13, 2006. Please amend the above-identified application as follows and consider the subsequent remarks.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.